

Serial Number: 09/636,826

CRF Processing Date: 11/29/2000  
 Edited by: A  
 Verified by: A (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was wrapped down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 1
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☐ Other:

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Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

Input Set : A:\ES.txt  
Output Set: N:\CRF3\11292000\I636826.raw

C--> 3 (1) GENERAL INFORMATION:

Does Not Comply  
Corrected Diskette Needed

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25 (2) INFORMATION FOR SEO ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 2090 nucleic acids
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

31 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

33	GATATCACAC	ATTGCTCCAT	CGACGATTTG	CGAACTTTCA	AATAGGTACG	TAATTCITTT	60
35	AATCTTACAA	GTTAITTCAC	ATTAGTCGAC	TATTATGTAG	TTGAAAAAAT	GGAGATAATA	120
37	GGCAATTAGT	GAAAAGGGTG	TTTATATAAT	TAGACTTTAA	TTTGATTCAT	TTTCATATAT	180
39	CTGAAACAA	GGTATGTGTG	AAATTGTGAT	CATTATGAC	ACTGATGAAA	AAGTTAACGA	240
41	TTTAGICTTT	TTTTTTAAAA	TTCCAATATA	AATTTTGGCC	CAAAACITTT	GCAAAATAFC	300
43	CATGTTCCGA	ATAAAATTTT	GA AAAACAAA	ACAATATCAA	ACCTTTTTCG	GAACAACTTT	360
45	TGAAAAAATC	CATTTTCAGA	AAAAAAATTT	TACATTAAT	TGCGAAATCA	AATFTGTGAT	420
47	GAAAAAATTA	AAATTTCTCT	TCACCTATAA	TTGAAACTCA	AAGTGTAAAA	ATTTAGAAAA	480
49	GGAGAAAAAT	AAAAATGAC	CATTTTCATG	GAAATCAAAT	TGTGTA TGAA	AAACTTAAAA	540
51	TTTTTATTTA	ATAATAATTG	AAATTCAAAG	TGTTAAAAAT	TGAAAAAGGA	GAAAAATTA	600
53	AATGACCAAT	TCATATCAAAA	TCAGAT TG TG	TATGAAAAAT	TTAAATTTTT	ATTTCAAATA	660
55	TAATTGAAAC	TCAAAGTGTG	AACATTTTGA	AAAGGAGAAA	CAATAAAAAT	ATGAAAAATT	720
57	GTA AAAACAT	AATTTTGTGA	ATCAGAATTT	AGAA GTTGA	CAAGGAAAAA	AACTGAATTT	780
59	GCTCTATACAT	TTTCGGTATC	AATTTTGGGA	TCATAAAGAA	ATTACTGAAA	TCCATATCAA	840

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/636,826

DATE: 11/29/2000

TIME: 09:00:55

Input Set : A:\ES.txt

Output Set: N:\CRF3\11292000\I636826.raw

61 AAACCTATTAT AAATTACAAA AATGAATAAA ACCAAAAAAA GAAGAACATG ACGATATTIC 900  
63 GTAAAGAACA TCATACTGAT TATAAAAGAA CATGCCGATA TTAGAATTGA GAAACAAAAA 960  
65 ACTATTCAAA ATCACAAAAA IGGATAACAA CATACAAAGA ACATGAAAGA ATCITATTCA 1020  
67 CAAAAIGGAG GTGAACCTAA ATACTAAGTT GCATTTTCAG TTTATTACT ACTIAGTATT 1080  
69 AGGCCCTAAA ATATCATCGC ACGCAICGCG TGCACAAAAG ACTAGTCTTA AGTATCACA 1140  
71 CTCACAAACT CACAACCTGAT TTTCAITTAG CTTCCATTTC GTAGGGCGIA AAACGTTTTC 1200  
73 CCGGAACACI ATTTTCTTCC ATTTTCTAGT TTACATTGTT TGGTTGACAA AAGAGTGTA 1260  
75 AACCGTTTTC CCTTGGGGTA AAATTACTCT TCCAATGATC GAAAACCAT TTTCTTTCAA 1320  
77 AAIGAAGGGA AAACCTGTTT CTTTACTCT CTGTATAC TTTCTTACT ACCTCCCTAC 1380  
79 TTTCCCTTTT ATTTTCTTT CAITTTCAICA TTTCTTTGC ATGAAACCAA ACAACGGAAA 1440  
81 ACTAATTTTG GAATTGTGTT TTCCATTGTA AATTGTTTTC CATGAAATC AITTTACT 1500  
83 GAAAATGTTT TACACCTTAC CAAACAGAGC CTTCTGTGTC CATGAATGCA TGACCGATTI 1560  
85 CAAAATCGAA ACTGGTGTTC ACCGTTTCCT AATTGGTTTC GAGTTTCAAA CCAAGTATC 1620  
87 AACATGTTG CTCACCTTAA AGATGAATAT GGTAAACCT TGAGGTGGGC TTTGGCTAAA 1680  
89 AAAAGTCCCA CCAAGCCCA ATTCTAGGCT CCCAAACCA CGAAATTTCC TGGTACTATT 1740  
91 CCAAAACAAA AACAAACACC TCTGTATCAA ACCAGAAAA ATAAACATA TTTTGTGTTT 1800  
93 CTCCCAATTT TTCATTTTAA TTTATCACGG GAAAGTACAC AATAATTCAA TCAAGGGTAA 1860  
95 AAAAAATAAA ATAAAAAGAA AAGATAAGTA TAAACAAAAG AAATTGTCT TCTCTACATC 1920  
97 CTCATATTC ATCCACGCTC TCTTCTTCT CTCTCTCAT CTCCTTTTC AATTCCCGA 1980  
99 TCGGATCAAG CAATTATCG AACACCTTC GATCATCAC ATCAAAAAA ATGTCAACAG 2040  
E--> 101 TCTTTAACGG CGATGAAACG GCGCCGTTCT TCGGCTTTCT GGGTGCTGCT 2090

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DEC 13 2000

TECH CENTER 1650/2000

1090

2090

DATE: 11/29/2000

TIME: 09:00:56

Output Set: N:\CRF3\11292000\I636826.raw

```
L:3 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:101 M:254 E: No. of Bases conflict, Input:1090 Counted:2090 SEQ:1
L:105 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:153 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
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